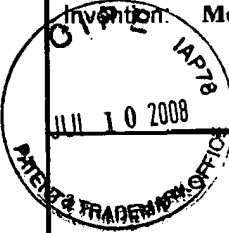
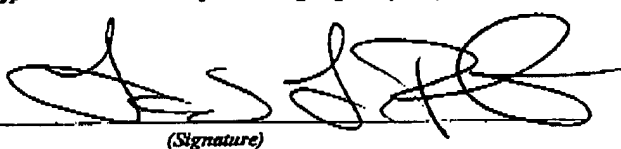


3PW

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b>			Docket No. PM99.061
Applicant(s): Craig S. Calvert et al.			
Application No. 09/934,320	Filing Date August 21, 2001	Examiner Akash Saxena	Group Art Unit 2128
Invention: <b>Method For Constructing 3-D Geologic Models By Combining Multiple Frequency Passbands</b>			
			
I hereby certify that this <u>Comments on Statements For Reasons of Allowance (3pages including cover)</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>571-273-2885</u> ) on <u>July 10, 2008</u> (Date)			
<div style="text-align: right;">Lorrie L. Rubio (Typed or Printed Name of Person Signing Certificate)  (Signature)</div>			
Note: Each paper must have its own certificate of mailing.			

P18/REV02



Application No. 09/934,320  
Comments on Reasons for Allowance dated July 10, 2008

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	§	Examiner:
Calvert et al.	§	Saxena, Akash
Filed: August 21, 2001	§	Art Unit: 2128
	§	
Serial No.: 09/934,320	§	Attorney Docket No.: PM99.061
	§	
Title: METHOD FOR CONSTRUCTING 3-D	§	Confirmation No.: 7470
GEOLOGIC MODELS BY	§	
COMBINING MULTIPLE	§	
FREQUENCY PASSBANDS	§	

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**COMMENTS ON STATEMENTS FOR REASONS OF ALLOWANCE**

Further to the Notice of Allowance mailed on April 23, 2008, the following clarifying comments are offered in response to the Examiner's Reasons for Allowance and are also offered in support of those reasons for allowance already provided by the Board of Appeals and Interferences on March 3, 2008. Applicant agrees with the Board that the prior art of record does not describe or suggest assigning values for at least one rock property in each initial frequency-passband model, e.g., as recited in claim 1 of the present application. Specifically, the frequency slices of Etgen (U.S. Patent No. 6,049,759) that were suggested by the Examiner as being analogous to the recited frequency passband models are not frequency passband models.

Even if the velocity model of Etgen is relied upon as a frequency passband model as previously suggested by the Examiner, there is no description or suggestion of combining the velocity model of Etgen to form an initial complete three-dimensional geologic model of the subsurface earth volume, e.g., the frequency slices of the velocity model Etgen alleged by the Examiner to be combined in Etgen are not frequency passband models with assigned rock properties, but instead the frequency slices contain fourier transfer coefficients. See, e.g., Decision on Appeal, Board of Patent Appeals and Interferences, March 3, 2008, pp. 5 and 6; and col. 6, lines 63-68 through col. 7, lines 1-42 of Etgen.

Application No. 09/934,320

Comments on Reasons for Allowance dated July 10, 2008

Conclusion

The Office is encouraged to contact the undersigned at the telephone number listed below with any questions or concerns.

Respectfully submitted,

July 10, 2008  
Date

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